

## Falcon Junior School - Computing matrix

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 3</b>	Lesson 1: Online safety <u>Basic use</u> Logging on Opening folders/ programs Saving work Introduction to basic programmes Keyboard (2Type)	Lesson 1: Online safety <u>Coding</u> <u>Espresso Coding</u> Yr 3 Unit 1	Lesson 1: Online safety <u>Data Handling: Loggers</u> How to use them. Recording data Uploading data Presenting results  (Link to Light investigations in Science)	Lesson 1: Online safety <u>Multi-Media –PowerPoint/ google slides</u> Editing text / Change background / Adding text and pictures/F ormatting text and pictures (Create poster about online safety)	Lesson 1: Online safety <u>Technology in our lives</u> <u>Welcome to the web.</u> Learn skills to search the internet: Back button / Search engines / Hyperlinks / Favourites (Link to Egyptians)	Lesson 1: Online safety <u>Coding</u> <u>Scratch</u> Introduction to simple features. Change colour/ size/ spin / jump)  (Animate their own name)
<b>Year 4</b>	Lesson 1: Online safety <u>Email- nsix</u> Email – logging on/ send / reply / add attachments / Forward. <u>Word/Google docs</u> Format text (position/ add text box/ bullets/ spacing) Format pictures (position/ layer/ size Copy/paste (Sea and seals topic)	Lesson 1: Online safety <u>Data Handling: Loggers/ Excel</u> Collect data Upload data Edit cells Create a bar chart Fix errors	Lesson 1: Online safety <u>Coding</u> <u>Espresso Coding</u> Yr 4 Unit 1	Lesson 1: Online safety <u>Mult-media – Powerpoint</u> Recap Add effects to text and pictures Transitions Add sounds Create a slide show  (Link to How Hill/ Broads)	Lesson 1: Online safety <u>Coding</u> <u>Scratch</u> Create simple animation (making a character fly)  (Cartoon animation of Roman soldiers/ volcano eruption)	Lesson 1: Online safety <u>Technology in our lives</u> Different search engines. Use of key words / + “ “ – Understanding: ranking /exert/ site address/ adverts. What can we trust? Find basic facts (Research Hinduism or Romans)
<b>Year 5</b>	Lesson 1: Online safety <u>Technology in our lives</u> <u>Research skills</u> Validity of sites / using search engines effectively copyright <u>Word</u> Recap / Insert table / Page layout / Page break/ margins / thesaurus /synonyms (Link to Vikings/Saxons or Rainforests / Mayans)	Lesson 1: Online safety <u>Instant Messaging/ blogging</u> How to use Implications Benefits v disadvantages Healthy use of computers – 5 a day Create a class blog (Link to another topic i.e PSHE).	Lesson 1: Online safety <u>Coding</u> <u>Espresso Coding</u> Yr 5 Unit 1	Lesson 1: Online safety <u>Multi-Media</u> <u>Windows Movie maker/ IMovie</u> Basic features – record/ cut/ save/ add music/ voice over. Create an animation linked to another area of curriculum. (Link to El Caminante – Literacy)	Lesson 1: Online safety <u>Data Bases</u> <u>Junior Viewpoint</u> Recap difference between sort and search. Interpreting graphs Create class database.  (Create a database - Rainforest plants or animals?)	Lesson 1: Online safety <u>Coding</u> <u>Scratch</u> Recap simple features. Create an animation from projects page.  (Link to science or RE?)
<b>Year 6</b>	Lesson 1: Online safety <u>Publisher/word</u> Recap. Create an online safety leaflet for parents. Print and give to own parents – best one to be given to rest of schools parents. (PSHE / Literacy – Leaflets)	Lesson 1: Online safety <u>Coding</u> <u>Espresso Coding</u> Yr 6 Unit 1	Lesson 1: Online safety <u>Data Handling: Excel</u> Format cells Enter formulas Create graphs (Twinkl)  (Link to Science topic)	Lesson 1: Online safety <u>Technology in our lives</u> <u>Research skills</u> Create a group project linked to Topic <u>WORD/ google docs</u> Recap / Insert hyperlinks /Look up menu /Replace / Header/footer Columns (Technology through the ages – history)	Lesson 1: Online safety <u>Coding</u> <u>Scratch</u> Recap features. Create an app (game) project with instructions/ advert etc (could take 1 whole term rather than ½)	Lesson 1: Online safety <u>Coding</u> <u>Continue coding project</u>

